Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Tuesday 08 Feb 2022 until 23:59 on Wednesday 09 Feb 2022

Forecast Issued on Tuesday 08 Feb 2022 at 01:20

Confidence: A lot of uncertainty on Tuesday as a band of rain moves south but stalls over central England, potentially just north of the Peak District however if the band of rain moves further south over part of the Peak District it may be quite a wet day and conditions poorer than forecast can be expected. Otherwise an unsettled, cold week with strong winds at times and wintry showers from Wednesday.

Headline for Tuesday 08 Feb 2022: Likely to be a cloudy, dull day with intermittent drizzle or light rain, perhaps drier further south.

Mountain weather hazards on Tuesday 08 Feb 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Fog	Fog	Fog	Mist	Light rain	Light rain
Precipitation probability					
40%	30%	30%	30%	40%	40%

Forecast for Tuesday 08 Feb 2022

Weather: Rain band is expected to stall to the north of the Peak District, and conditions over the area will be mainly dry, perhaps some drizzle for western hills but some brightness in the south and east. However if the band of rain moving south over England stalls over the Peak District it will be a wet day and quite a lot of low cloud especially in the west. Rain is likely to move south in the evening with some rain expected then.

Chance of cloud-free hill tops above 600m: 50%, best chance around southern areas towards the Derbyshire Dales and Dove Dale with the northern and western hills towards Macclesfield and Glossop likely to see broken low cloud associated with rain band.

Low cloud and visibility: Broken low cloud for the northern hills from 400m and above for much of the day, cloud likely to be more scattered or patchy further south and east with bases around 500-600m but still unlikely to get good views during the day. Visibility will also be reduced in any light rain and drizzle, likely to be some drier periods in the southeast with the potential for some good visibility here in the afternoon.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Tuesday 08 Feb 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	33/41 W	30/39 SW	30/39 SW	29/38 SW	28/36 SW	29/38 SW	27/36 SW
300	24/32 SW	23/31 SW	24/33 SW	22/31 SW	21/30 SW	22/31 SW	21/30 SW
Valley	14/31 W	14/30 SW	15/31 SW	14/29 SW	14/29 SW	13/29 SW	12/28 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/0	7/1	7/1	7/2	7/1	6/0	6/-0
300	8/3	8/4	9/4	9/5	8/4	8/4	8/3
Valley	8/5	9/6	9/6	10/6	9/6	8/5	8/5
Freezing Level*	2100m	2000m	1900m	1900m	1900m	1900m	1800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Early gales will ease during the day but still feeling very cold in low cloud and light rain. Freezing level above all summits.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Tue 08 Feb 2022	2.6mm	17.2mm	48.6mm

Forecast for Wednesday 09 Feb 2022

Weather: Some overnight rain will clear through to leave a mainly dry day with some bright spells but a few showers moving across the area too. Any showers will likely be wintry above 600m. Brisk westerly winds will move any showers through quite quickly but will also add to a significant wind chill on the higher ground.

Maximum wind: West 20-25 mph with gusts 35mph.

Chance of cloud-free hill tops above 600m: 90%, good views likely with some lower cloud expected as showers pass but clearing quickly.

Low cloud and visibility: Scattered cloud layers above 500m, especially around any wintry showers. Outwith showers visibility will be good with some far reaching views likely but in a wintry shower visibility may fall to a few kilometres or less temporarily with snow causing temporary disorientation.

Temperature: **Valleys:** Around 7 Celsius.
At 600m: Plus 5 Celsius falling to Zero Celsius later.
Freezing level: 2000m falling to 600m.

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